

An On-line Database of *Juglans* Cultivar Names and Origins

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The Hardwood Tree Improvement and Regeneration Center (HTIRC) is a regional collaborative research, development, and technology transfer partnership including the USDA Forest Service, North Central Research Station; Purdue University, Department of Forestry and Natural Resources; and many other public and private partners. As part of its mission to support research and commercialization in the genus *Juglans*, and in partial fulfillment of its role as an International Cultivar Registration Authority, HTIRC has made available a searchable database of *Juglans* cultivar names at <http://www.agriculture.purdue.edu/fnr/HTIRC/Juglans.htm>. The database lists >750 named *Juglans* from six species and hybrids. The species include *J. ailanthifolia* (japanese walnut or heartnut, 37 entries); *J. cinerea* (butternut or white walnut, 65 entries); *J. nigra* (black walnut, 309 entries); and *J. regia* (persian walnut, 356 entries). Hybrids include *J. ailanthifolia* × *J. cinerea* (*Juglans* × *bixbyi* Rehd., 7 entries); and *J. nigra* × *J. regia* (*Juglans* × *intermedia* Carr., 1 entry) (U.S. Dept. of Agriculture, North Central Research Station, 2004). In addition to a list of names and their species, the database

includes data (when available) for each entry on the geographic origins, accession number assigned by the originators, discoverer, year of discovery, latitude of the ortet, use, percent kernel, nut weight, elevation of ortet, yield, commercial sources, subtaxa, plant introduction number, and additional notes. Most of the entries are referenced to previously published lists or websites (see *Juglans* names reference sheet at the same website), but at present we are unaware of a comprehensive list of names for any of the *Juglans* species. An on-line list of this type is needed as a reference for members of both professional and amateur horticultural societies to help reduce the likelihood of duplication of names and of multiple spellings of names. The database is not comprehensive; it is our hope that by publicizing the existence of this database we will encourage the submission of information from germ plasm repositories and breeding collections worldwide. As such, associated with the database is a form that can be used to update the database or to submit new entries (<http://www.agriculture.purdue.edu/fnr/HTIRC/woeste.html>). We expect the database will be a valuable resource for amateur breeders who often have no mechanism for describing their products. Many of the cultivars on the list are obsolete and have only historical importance, and most were named before the publication of or without knowledge of the International Code of Nomenclature for Cultivated Plants.

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